

## WHAT IS CLAIMED IS:

1. A mobile phone terminal that converts transmission speech  
into a digital speech signal by an A/D converter, encodes the  
digital speech signal by a speech coder/decoder, and transmits  
5 the code sequence via a radio interface and an antenna, and that  
supplies a received signal received by the antenna to the speech  
coder/decoder via the radio interface, and converts a digital  
speech signal output from the speech coder/decoder into an  
analog electric signal by a D/A converter, said mobile phone  
10 terminal comprising:

a general purpose connection port usable for connecting  
an external device to said mobile phone terminal; and

15 a first signal path switch interposed between the speech  
coder/decoder and the A/D converter and D/A converter to enable  
a terminal acoustic evaluation signal to be input and output  
through a path different from that in a normal operation mode  
of the mobile phone terminal, wherein

20 the terminal acoustic evaluation signal and a control  
signal of said first signal path switch are input and output  
through said first signal path switch and said general purpose  
connection port.

25 2. The mobile phone terminal according to claim 1, further  
comprising a second signal path switch interposed between said  
radio interface and said speech coder/decoder to enable an  
evaluation code sequence of said speech coder/decoder to be  
input and output through a path different from that in the normal  
operation mode of the mobile phone terminal, wherein

30 a test signal of said speech coder/decoder and a control  
signal of said second signal path switch are input and output

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through said second signal path switch and said general purpose connection port.

3. The mobile phone terminal according to claim 1, further comprising a second signal path switch interposed between said radio interface and said speech coder/decoder to enable an evaluation code sequence of said radio interface to be input and output through a path different from that in the normal operation mode of the mobile phone terminal, wherein

10 a test signal of said radio interface and a control signal of said second signal path switch are input and output through said second signal path switch and said general purpose connection port.

15 4. The mobile phone terminal according to claim 1, further comprising a peripheral unit for acoustic test for connecting a mobile phone terminal with a terminal acoustic evaluation unit for carrying out an evaluation test of acoustic characteristics of said mobile phone terminal, said peripheral unit for acoustic

20 test comprising:

25 a dedicated connection port for connecting said terminal acoustic evaluation unit;

a first general purpose connection port for connecting said mobile phone terminal;

30 a second general purpose connection port for connecting an external device; and

a format converter for converting a transmission signal format between said dedicated connection port and said first general purpose connection port.

5. A peripheral unit for acoustic test for connecting a mobile phone terminal with a terminal acoustic evaluation unit that carries out an evaluation test of acoustic characteristics of said mobile phone terminal, said peripheral unit for acoustic test comprising:

a dedicated connection port for connecting said terminal acoustic evaluation unit;

a first general purpose connection port for connecting said mobile phone terminal;

10 a second general purpose connection port for connecting an external device; and

a format converter for converting a transmission signal format between said dedicated connection port and said first general purpose connection port.

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